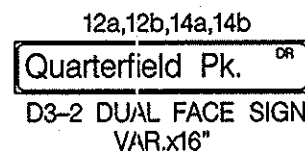
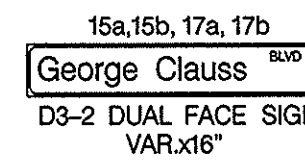


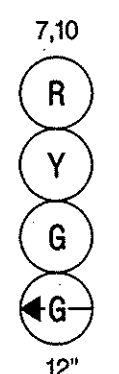
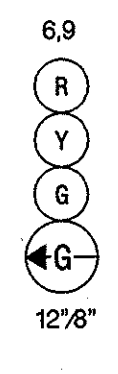
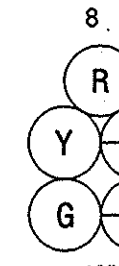
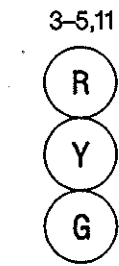
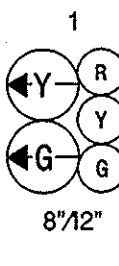
REVISIONS: SEE DATE: June 1, 2004

PROPOSED SIGNS

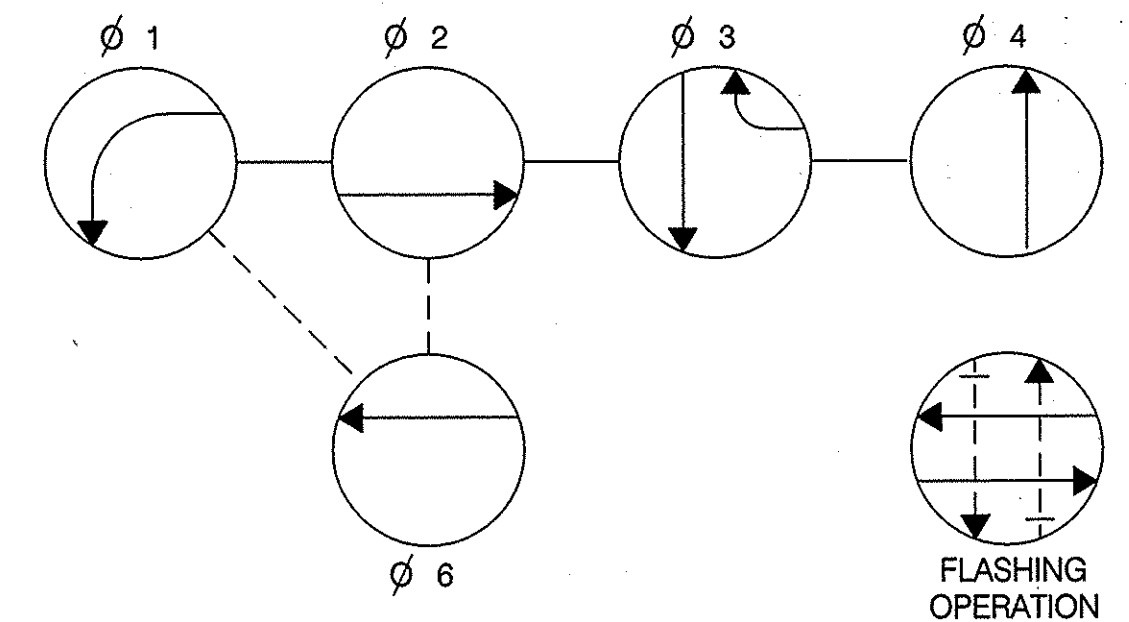


NOTE:
CONTRACTOR SHALL CONFIRM STREET
NAMES PRIOR TO SIGN FABRICATION

PROPOSED SIGNALS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROPOSED VIDEO
DETECTION CAMERA
A-C

MATCH LINE - SEE SHEET TS-4171B

CONSTRUCTION DETAILS

- INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGN(S), VIDEO DETECTION CAMERA, (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL ELECTRICAL HANDHOLE
- INSTALL 3 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - TRENCHED
- INSTALL 3 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - BORED
- INSTALL 4 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - BORED
- INSTALL 4 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - TRENCHED
- INSTALL MICRO-LOOP PROBE
- VIDEO DETECTION ZONE
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL METER SERVICE PEDESTAL
- CUT, CLEAN, GALVANIZE AND CAP MAST ARM
- INSTALL 2 IN. SCHEDULE 80 POLYVINYL ELECTRICAL CONDUIT - TRENCHED

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- FOR ADDITIONAL SIGNING AND PAVEMENT MARKING SEE PLAN SHEETS SN-1 AND SN-2.
- INSTALL CONDUIT AND DETECTION PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

QUARTERFIELD PARK ROAD

TRAFFIC CONCEPTS, INC.
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Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

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ASST. DIV. CHIEF
Michael R. Bunch 6-28-04
DIVISION CHIEF
218 7/5
OFFICE DIRECTOR

REVISIONS

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
GEORGE CLAUSS BLVD. AND
QUARTERFIELD PARK ROAD

SCALE 1"=20' DATE 2-10-06 CONTRACT NO. BW 996M82
DESIGNED BY T. ZAYDEL COUNTY ANNE ARUNDEL
DRAWN BY T. ZAYDEL LOGMILE 02C6E000.079
CHECKED BY K. SCHMID T.I.M.S. NO. H788
F.A.P. NO. TOD NO. NA
DRAWING NO. TS-4491 SHEET NO. OF